

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

A1-B7. (Cancelled)

22. (Currently Amended) A device driver, in a computer readable medium and functionally operable in conjunction with a data processing system, suitable for communication with a plurality of different types of devices when functionally operated in conjunction with the data processing system, wherein each of the plurality of different types of devices conform to a common standard, the device driver comprising:

identification means for identifying all input/output ports relating to a basic device type common to the plurality of different types of devices;

interrogation means using commands conforming to the standard and common to the plurality of different types of devices for polling a device within the plurality of different types of devices to obtain input/output ports used by the device in addition to the input/output ports identified by the identification means; and

trapping means for trapping input/output ports identified by the identification means and the interrogation means.

23. (Currently Amended) The device driver of claim 22, wherein the device includes a peripheral component interconnect (PCI) basic input/output system (BIOS) and wherein the commands conforming to the standard used in the interrogation means are PCI standard BIOS calls.

24. (Currently Amended) The device driver of claim 23, wherein the device is a video adapter and the basic device type is an abstract super video graphics adapter (SVGA) including a standard video graphics adapter (VGA) and additional non-standard VGA input/output ports used by the basic device type.

25. (Previously Presented) The device driver of claim 22, wherein additional input/output ports used by the basic device type are identifiable during installation of the device by a user option.

26. (Previously Presented) The device driver of claim 22, wherein additional input/output ports used by the basic device type are identifiable during installation by the device as removed from the basic device type and unused by the device through a user option.

D1-E4. (Cancelled)

27. (Previously Presented) A method in a computer used by a device driver for communication with a plurality of different types of devices, wherein each of the plurality of different types of devices conform to a common standard, the method comprising computer implemented steps of:

identifying all input/output ports relating to a basic device type common to the plurality of different types of devices;

polling a device within the plurality of different types of devices, using commands conforming to the standard and common to the plurality of different types of devices, to obtain input/output ports used by the device in addition to the input/output ports identified by the identifying step; and

trapping input/output ports identified by the identifying step and the polling step.

28. (Currently Amended) The method of claim 27, wherein the device includes a peripheral component interconnect (PCI) basic input/output system (BIOS) and wherein the commands conforming to the standard used in the polling step are PCI standard BIOS calls.

29. (Currently Amended) The method of claim 28, wherein the device is a video adapter and the basic device type is an abstract super video graphics adapter (SVGA) including a standard video graphics adapter (VGA) and additional non-standard VGA input/output ports used by the basic device type.

30. (Previously Presented) The method of claim 27, wherein additional input/output ports used by the basic device type are identifiable during installation of the device by a user option.

31. (Previously Presented) The method of claim 27, wherein additional input/output ports used by the basic device type are identifiable during installation by the device as removed from the basic device type and unused by the device through a user option.

32. (Previously Presented) A system for communication with a plurality of different types of devices, wherein each of the plurality of different types of devices conform to a common standard, the system comprising:

identification means for identifying all input/output ports relating to a basic device type common to the plurality of different types of devices;

interrogation means using commands conforming to the standard and common to the plurality of different types of devices for polling a device within the plurality of different types of devices to obtain

input/output ports used by the device in addition to the input/output ports identified by the identification means; and

trapping means for trapping input/output ports identified by the identification means and the interrogation means.

33. (Currently Amended) The system of claim 32, wherein the device includes a peripheral component interconnect (PCI) basic input/output system (BIOS) and wherein the commands conforming to the standard used in the interrogation means are PCI standard BIOS calls.

34. (Currently Amended) The system of claim 33, wherein the device is a video adapter and the basic device type is an abstract super video graphics adapter (SVGA) including a standard video graphics adapter (VGA) and additional non-standard VGA input/output ports used by the basic device type.

35. (Previously Presented) The system of claim 32, wherein additional input/output ports used by the basic device type are identifiable during installation of the device by a user option.

36. (Previously Presented) The system of claim 32, wherein additional input/output ports used by the basic device type are identifiable during installation by the device as removed from the basic device type and unused by the device through a user option.